

# Secure Coding Standards

---

James W. Moore and Robert C. Seacord. Inherent weaknesses in programming languages contribute to software vulnerabilities. Increasingly, organizations are producing standards to improve software security. Current efforts to develop software security standards are surveyed, and two such efforts are described in detail. An international standards group is writing a document providing guidance to users of programming languages on how to avoid the vulnerabilities that exist in the programming language selected for a particular project. Carnegie Mellon University's (CMU's) Computer Emergency Response Team (CERT) is developing secure coding practices for the C and C++ programming languages.

[Back](#)<sup>1</sup>

## Part "Attachment Data"

Mime-type: application/pdf, size: 125486 bytes

---

1. <https://buildsecurityin.us-cert.gov/adm-bsi/1185-BSI.html>